

FORM PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: SONY-12100

Serial No.: 09/608,617

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Scott D. Smyers et al.

Filing Date: June 30, 2000.

Group Art Unit: 2782

(37 CFR § 1.98(b))

U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
MF	AA	5,761,652	06/02/98	Wu et al.	707	2	03/20/96
	AB	5,790,852	08/04/98	Salm	395	674	08/27/91
	AC	5,832,297	11/03/98	Ramagopal et al.	395	825	11/12/97
	AD	6,044,418	03/28/00	Muller	710	56	06/30/97
	AE	6,223,251 B1	04/24/01	Nemoto	711	114	03/25/98
	AF	6,266,751 B1	07/24/01	Niescier	711	173	08/27/98
	AG	6,339,818 B1	01/15/02	Olszewski et al.	711	173	06/24/99
	AH	6,385,672 B1	05/07/02	Wang et al.	710	56	06/20/97
MF	AI	6,480,936 B1	11/12/02	Ban et al.	711	118	11/20/98
	AJ						
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U.S. PATENT DOCUMENTS

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
ME	AA	6,292,844 B1	09/18/01	Smyers et al.	710	5	02/12/98
	AB						
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	AK							
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	AN							
	AO							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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* FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SONY-12100	Serial No.: 09/608,617	
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(37 CFR § 1.98(b))				Filing Date: June 30, 2000		Group Art Unit: 2782

U.S. PATENT DOCUMENTS							
Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
mf	AA	6,145,039	Ajanovic et al.	710	105	11/03/98	
	AB	6,243,778 B1	Fung et al.	710	113	10/13/98	
	AC	6,282,597 B1	Kawamura	710	105	10/19/98	
	AD	6,334,161 B1	Suzuki et al.	710	29	02/17/98	
	AE	6,374,314 B1	Darnell et al.	710	52	09/28/98	
mf	AF	6,374,317 B1	Ajanovic et al.	710	105	10/07/99	
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MF	AA	5,960,152	09/28/99	Sawabe et al.	386	98	03/11/97
MF	AB	6,233,637 B1	05/15/01	Smyers et al.	710	129	03/07/96
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							Yes	No
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MF	AL	02000078428A	03/14/00	JP	H04N005	00		X
MF	AM	02000151681A	05/30/00	JP	H04L012	46		X
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	AO							

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MF	AA	3,836,722	07/17/74	Muller et al.	179	15 BS	04/17/73
	AB	3,906,484	09/16/75	Melvin, Jr. et al.	340	347 DD	09/13/72
	AC	4,218,756	08/19/80	Fraser	364	900	06/19/78
	AD	4,298,932	11/03/81	Sams	364	200	06/11/79
	AE	4,409,656	10/11/83	Anderson et al.	364	200	12/21/81
	AF	4,410,983	10/18/83	Cope	371	8	06/26/81
	AG	4,493,021	01/08/85	Agrawal et al.	364	200	04/03/81
	AH	4,897,783	01/30/90	Nay	364	200	06/27/86
	AI	4,972,470	11/20/90	Farago	380	3	08/06/87
	AJ	4,998,245	03/05/91	Tanaka et al.	370	85.100	12/12/88
	AK	5,007,013	04/09/91	Elms	364	900	04/01/86
	AL	5,008,819	04/16/91	Gorbatenko	364	200	07/19/89
	AM	5,008,879	04/16/91	Fischer et al.	370	85.2	11/14/98
	AN	5,052,029	09/24/91	James et al.	375	107	04/05/90
	AO	5,191,418	03/02/93	Tran	358	142	02/20/91
	AP	5,208,807	05/04/93	Gass et al.	370	60.1	01/22/91
	AQ	5,287,478	02/15/94	Johnston et al.	395	425	08/06/91
	AR	5,331,320	07/19/94	Cideciyan et al.	341	56	11/16/92
	AS	5,359,713	10/25/94	Moran et al.	395	200	03/11/93
	AT	5,361,261	11/01/94	Edem et al.	370	85.3	11/02/92
	AU	5,369,773	11/29/94	Hammerstrom	395	800	04/26/91
	AV	5,400,340	03/21/95	Hillman et al.	370	105.3	03/04/93
	AW	5,402,419	03/28/95	Osakabe et al.	370	85.1	12/17/93
	AX	5,412,698	05/02/95	Van Brunt et al.	375	373	03/16/93
	AY	5,420,985	05/30/95	Cantrell et al.	395	325	07/28/92
	AZ	5,432,650	07/11/95	Nunomura et al.	360	27	07/02/92
	BA	5,465,402	11/07/95	Ono et al.	455	161.2	03/23/94
	BB	5,473,362	12/05/95	Fitzgerald et al.	348	7	11/30/93
	BC	5,493,570	02/20/96	Hillman et al.	370	105.3	03/15/95
	BD	5,499,344	03/12/96	Elnashar et al.	395	250	10/07/92
	BE	5,506,846	04/09/96	Edem et al.	370	94.2	04/12/94
	BF	5,509,126	04/16/96	Opreescu et al.	395	307	03/16/93
	BG	5,519,701	05/21/96	Colmant et al.	370	60.1	03/29/95
	BH	5,524,213	06/04/96	Dais et al.	395	200.170	01/25/95
	BI	5,526,353	06/11/96	Henley et al.	370	60.1	12/20/94
MF	BJ	5,533,018	07/02/96	Delager et al.	370	60.1	12/21/94

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Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
MF	BK	5,535,208	07/09/96	Kawakami et al.	370	84	03/07/95
	BL	5,537,408	07/16/96	Branstad et al.	370	79	06/05/95
	BM	5,544,324	08/06/96	Edem et al.	395	200.17	11/02/92
	BN	5,548,587	08/20/96	Bailey et al.	370	60.1	09/12/94
	BO	5,550,802	08/27/96	Worsley et al.	370	13	02/07/95
	BP	5,559,796	09/24/96	Edem et al.	370	60	02/28/95
	BQ	5,559,967	09/24/96	Opreescu et al.	395	285	03/18/93
	BR	5,561,427	10/01/96	Coleman, Jr.	341	161	12/30/94
	BS	5,566,174	10/15/96	Sato et al.	370	84	09/07/94
	BT	5,579,278	11/26/96	McLaury	365	230.05	07/18/95
	BU	5,586,264	12/17/96	Belknap et al.	395	200.08	09/08/94
	BV	5,594,732	01/14/97	Bell et al.	370	401	03/03/95
	BW	5,594,734	01/14/97	Worsley et al.	370	395	11/01/93
	BX	5,602,853	02/11/97	Ben-Michael et al.	370	474	11/03/94
	BY	5,603,058	02/11/97	Belknap et al.	395	855	09/08/94
	BZ	5,615,382	03/25/97	Gavin et al.	395	800	06/06/95
	CA	5,617,419	04/01/97	Christensen et al.	370	471	09/20/94
	CB	5,619,646	04/08/97	Hoch et al.	395	200.01	09/27/94
	CC	5,632,016	05/20/97	Hoch et al.	395	200.02	09/27/97
	CD	5,640,286	02/17/97	Acosta et al.	360	48	05/08/95
	CE	5,640,392	06/17/97	Hayashi	370	395	07/07/95
	CF	5,640,592	06/17/97	Rao	370	5	09/30/94
	CG	5,646,941	07/08/97	Nishimura et al.	370	389	05/26/95
	CH	5,647,057	07/08/97	Roden et al.	395	275	09/09/94
	CI	5,652,584	07/29/97	Yoon	341	89	11/29/95
	CJ	5,655,138	08/05/97	Kikinis	395	808	04/11/95
	CK	5,659,780	8/19/97	Wu	395	800.19	06/15/94
	CL	5,661,848	08/26/97	Bonke et al.	395	439	09/08/94
	CM	5,664,124	09/02/97	Katz et al.	395	309	11/30/94
	CN	5,668,948	09/19/97	Belknap et al.	395	200.61	09/08/94
	CO	5,671,441	09/23/97	Glassen et al.	395	828	11/29/94
	CP	5,684,954	11/04/97	Kaiserswerth et al.	395	200.2	03/20/93
	CQ	5,687,174	11/11/97	Edem et al.	370	446	04/26/95
	CR	5,687,316	11/11/97	Graziano et al.	395	200.2	07/29/97
	CS	5,689,244	11/18/97	Iijima et al.	340	825.07	06/16/95
MF	CT	5,689,678	11/18/97	Stallmo et al.	395	441	03/31/95

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Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
mf	CU	5,689,727	11/18/97	Bonke et al.	395	840	03/08/95
	CV	5,691,994	11/25/97	Acosta et al.	371	40.1	05/08/95
	CW	5,692,211	11/25/97	Gulick et al.	395	800	09/11/95
	CX	5,696,924	12/09/97	Robertson et al.	395	412	06/07/95
	CY	5,699,503	12/16/97	Bolosky et al.	395	182.04	08/26/96
	CZ	5,704,052	12/30/97	Wu et al.	395	380	04/22/96
	DA	5,706,439	01/06/98	Paker	395	200.17	09/27/97
	DB	5,708,779	01/13/98	Graziano et al.	395	200.8	09/24/96
	DC	5,710,773	01/20/98	Shiga	370	512	07/14/95
	DD	5,752,076	05/12/98	Munson	395	825	08/31/95
	DE	5,758,075	05/26/98	Graziano et al.	395	200.8	09/24/96
	DF	5,761,430	06/02/98	Gross et al.	395	200.55	04/12/96
	DH	5,761,457	06/02/98	Gulick	395	308	10/21/96
	DG	5,764,972	06/09/98	Crouse et al.	395	601	06/07/95
	DI	5,774,683	06/30/98	Gulick	395	309	10/21/96
	DJ	5,781,599	07/14/98	Shiga	375	376	09/06/95
	DK	5,781,615	07/14/98	Bales et al.	379	899	08/30/95
	DL	5,787,256	07/28/98	Marik et al.	395	200.68	08/06/96
	DM	5,790,886	08/04/98	Allen	395	825	12/05/95
	DN	5,793,953	08/11/98	Yeung et al.	395	200.8	07/07/95
	DO	5,809,249	09/15/98	Julyan	395	200.53	03/01/96
	DP	5,812,883	09/22/98	Rao	395	8.94	11/22/95
	DQ	5,815,678	09/29/98	Hoffman et al.	395	309	07/14/95
	DR	5,828,416	10/27/98	Ryan	348	512	03/29/96
	DS	5,828,903	10/27/98	Sethuram et al.	395	817	11/19/96
	DT	5,835,694	11/10/98	Hodges	385	182.04	12/06/96
	DU	5,835,726	11/10/98	Shwed et al.	709	229	06/17/96
	DV	5,835,793	11/10/98	Li et al.	395	898	05/02/97
	DW	5,848,253	12/08/98	Walsh et al.	395	309	01/22/97
	DX	5,884,103	03/16/99	Terho et al.	710	22	04/18/96
	DY	5,887,145	03/23/99	Harari et al.	395	282	01/09/97
	DZ	5,893,148	04/06/99	Genduso et al.	711	132	11/10/97
	EA	5,928,331	07/27/99	Bushmitch	709	231	10/30/97
	EB	5,938,752	08/17/99	Leung et al.	710	126	05/20/97
	EC	5,946,298	08/31/99	Okuyama	370	232	04/05/96
mf	ED	5,960,036	09/28/99	Johnson et al.	375	219	11/04/96

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	EF	5,987,126	11/16/99	Okuyama et al.	380	5	03/13/98
	EG	5,991,520	11/23/99	Smyers et al.	395	280	02/02/96
	EH	6,064,676	05/16/00	Slattery et al.	370	412	01/14/98
	EI	6,085,270	07/04/00	Gulick	710	100	06/17/98
	EJ	US 6,247,069 B1	06/12/01	Smyers	710	8	05/12/99

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		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
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	EK	TW 328997	04/01/98	TW	G06F	13/38		X
	EL	WO 98 02881	01/22/98	WO	G11B	20/10		X
	EM	WO 97 33230	09/12/97	WO	G06F	13/12		
	EN	WO 98 47271	10/22/98	WO	H04L	29/06		
	EO	0 383 437 A2	02/14/89	European	H04J	3/16		
	EP	0 428 111 A2	05/22/91	European	G06F	13/28		X
	EQ	0 499 394 A1	08/19/92	European	G06F	13/38		X
	ER	0 535 434 A2	04/07/93	European	H04s	1/00		
	ES	0 588 046 A1	03/23/94	European	G06F	13/38		X
	ET	0 696 853 A2	02/14/96	European	H04B	1/20		X
	EU	0 703 713 A2	01/27/96	European	H04N	7/58		
	EV	0 789 502 A2	08/13/97	European	H04Q	11/04		X
	EW	0 860 823 A1	08/26/98	European	G11B	20/10		
	EX	5-165687	07/02/93	JP	G06F	12/00		X

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EY	"The Parallel Protocol Engine" Matthias Kaiserswerth, IEEE/ACM Transactions on Networking, December 1993, New York, pp. 650-663
EZ	"The Programmable Protocol VLSI Engine (PROVE)" A.S. Krishnakumar, W.C. Fischer, and Krishan Sabnani, IEEE Transactions on Communications, August 1994, New York, pp. 2630-2642
FA	"A Bus on a Diet-The Serial Bus Alternative" Michael Teener, CompCon92, February 24-28, 1992, pp. 316-321
FB	"Local Area Network Protocol for Autonomous Control of Attached Devices" Software Patent Institute, 1995, 1996
FC	"Architecture for High Performance Transparent Bridges" Software Patent Institute, 1995, 1996
FD	"Access to High-Speed LAN via Wireless Media" Software Patent Institute, 1995, 1996
FE	"Asynchronous Transfer Mode" Julia L. Heeter, December 12, 1995
FF	"The SerialSoft IEEE 1394 Developer Tool" Skipstone
FG	"Data link driver program design for the IBM token ring network PC adapter" Gee-Swee Poo and Wilson Ang, Computer Communications, 1989, London, Great Britain, pp. 266-272
FH	"Fiber Channel (FCS)/ATM interworking: A design solution" A. Anzaloni, M. De Sanctis, F. Avaltroni, G. Rulli, L. Proietti and G. Lombardi, Ericsson Fatme R&D Division, November 1993, pp. 1127-1133
MF	FI "Data Exchange Adapter for Micro Channel/370" Software Patent Institute, 1995, 1996

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets, if Necessary)				Applicant: Scott B. Silvers et al.	
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
mf	FJ	American National Standards Institute X3T10 Technical Committee, <u>Information Technology - Serial Bus Protocol 2 (SBP-2)</u> , Project 1155D, Revision 1e, November 9, 1996.			
	FK	IEEE, "1394 Standard for a High Performance Serial Bus," 1995, USA.			
	FL	"IEEE 1394, The Cable Connection to Complete the Digital Revolution," Daniel Moore.			
	FM	"1394 200 Mb/s PHYSical Layer Transceiver," IBM Microelectronics, Product Data Sheet and Application Notes, Version 1.4, March 14, 1996.			
	FN	"IEEE 1394-1995 Triple Cable Transceiver/ Arbitrator," Texas Instruments TSB21LV03, Product Preview, Revision 0.99, March 19, 1996.			
	FO	"The IEEE-1394 High Speed Serial Bus." R.H.J. Bloks, Phillips Journal of Research, Vol. 50, pages 209-216, July 1996.			
	FP	Hoffman, et al., "IEEE 1394: A Ubiquitous Bus," Digest of Papers of the Computer Society, Computer Conference (COMPCON) Technologies for the Information Superhighway, 3/5/99 pp 334-338.			
mf	FQ	"The Raid Book, A Storage System Technology Handbook," Paul Massiglia, Sixth Edition, 1997.			
Examiner:				Date Considered:	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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FORM PTO-1449
(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: SONY-12100

Serial No.: 09/608,617

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets if Necessary)

Applicant: Scott D. Smyers et al.

Filing Date: June 30, 2000

Group Art Unit:

(37 CFR § 1.98(b))

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Examiner:

Delaney

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Date Considered: 10/6/03

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